



萤火虫教育  
Firefly Enlightenment

萤火虫之光·点亮远方 1



萤火虫教育  
Firefly Enlightenment

——10 月新题



PTE 咨询请找小虫虫



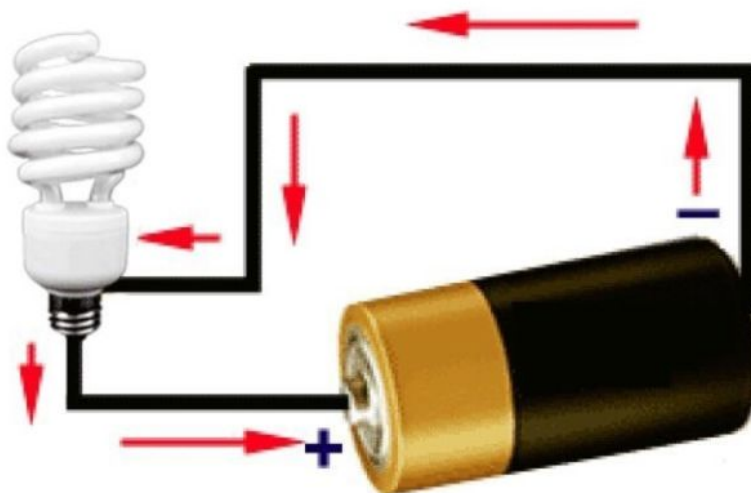
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## 2. DESCRIBE IMAGE

3.8.1



**Simple circuit with light**

核心内容点：

内容点一：从电池的负极出发（negative pole of the battery）

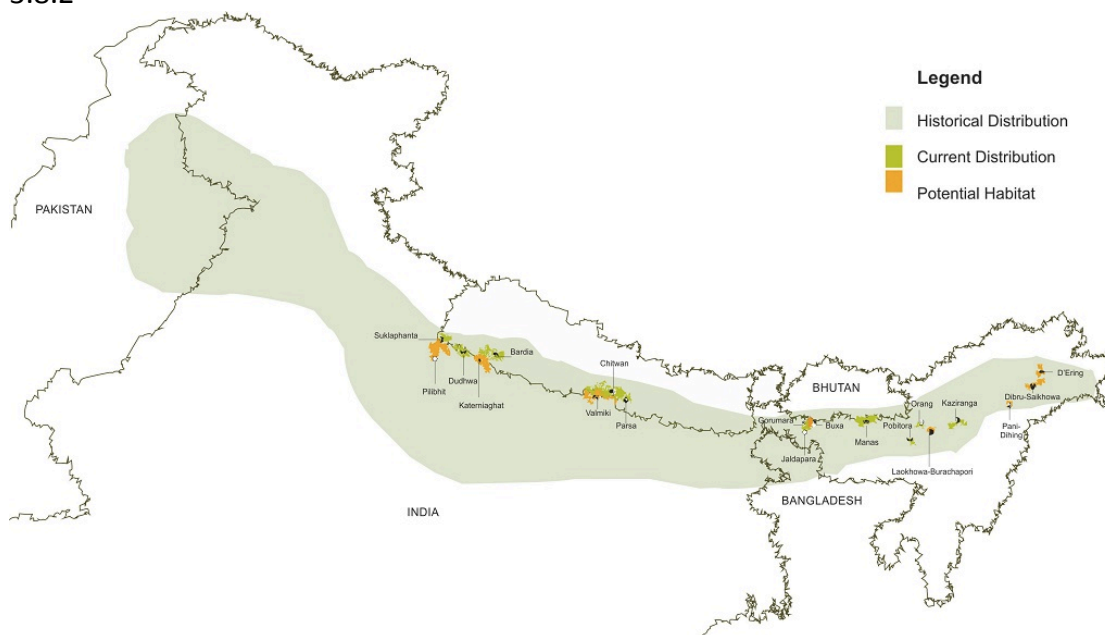
内容点二：到达灯泡（bulb）

内容点三：回到电池的正极（positive pole of the battery）





### 3.8.2



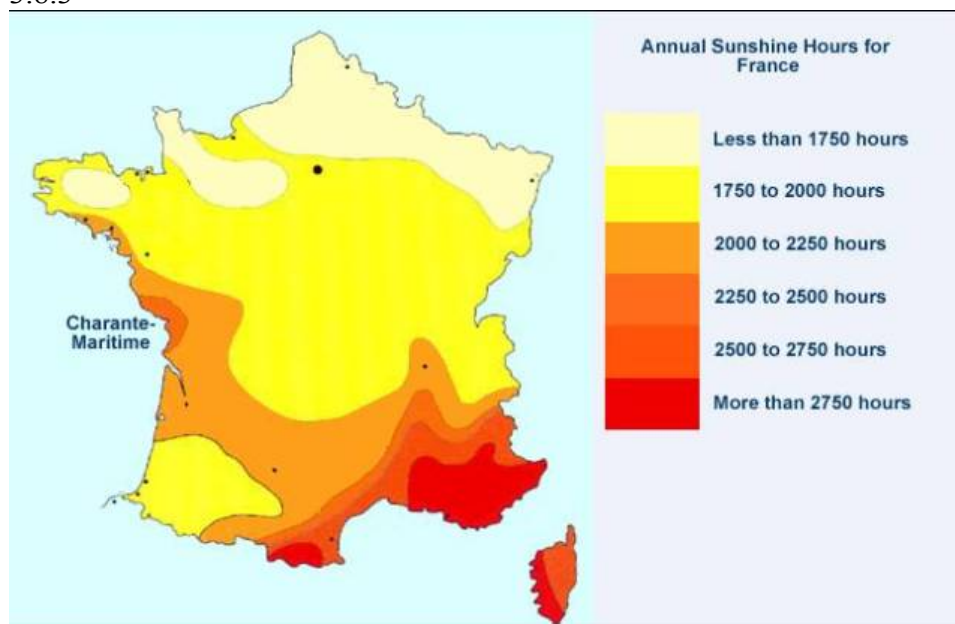
核心内容点：

内容点一：中间大部分是 historical distribution，但现在都没有了

内容点二：绿色是 current distribution，数量很少

内容点三：黄色是 potential habitat

### 3.8.3



核心内容点：

内容点一：红色代表 2750 小时以上，可以在法国南部看到

内容点二：黄色代表 1750 到 2000 小时，可以在法国的中部看到

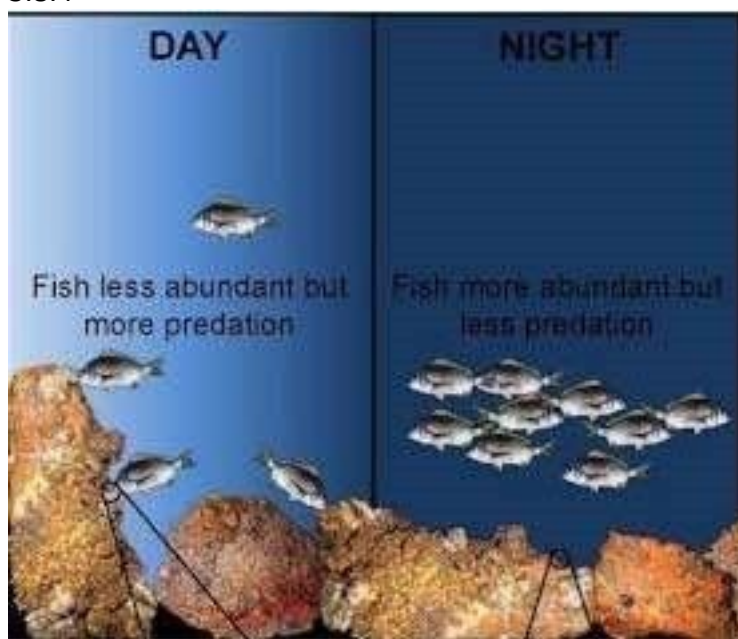
内容点三：白色代表小于 1750 小时，可以在法国北部看到

内容点四：还可以看到左边有一行小字：Charante Maritime





3.8.4



核心内容点:

内容点一: 白天: 鱼不多, 但捕食少

内容点二: 晚上: 鱼多, 但捕食多

内容点三: 白天和晚上的鱼群数量和捕食差别很大, 正好相反

3.8.5

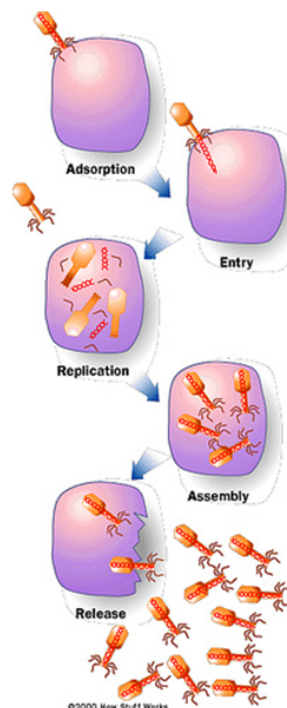
## How a virus 'works'

A virus is a parasite which cannot reproduce on its own,  
it needs another living thing to survive

It infects the cells of your body and 'hijacks' them  
(Adsorption & Entry)

Your cells stop doing what they're supposed to and  
instead make copies of the virus  
(Replication & Assembly)

The new viruses are released and go  
on to infect other cells  
(Release)



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核心内容点：

内容点一：病毒被吸收；病毒进入细胞

内容点二：病毒开始复制

内容点三：病毒结合

内容点四：病毒从细胞释放出来，进入人体

3.8.6

## London's Fleet Street Then and Today

19<sup>th</sup> Century

Now



核心内容点：

内容点一：19 世纪街道上很多人，还有马车

内容点二：19 世纪两边有古老建筑，中间有教堂

内容点三：现在街道上没什么人，交通工具是 bus 和 cars

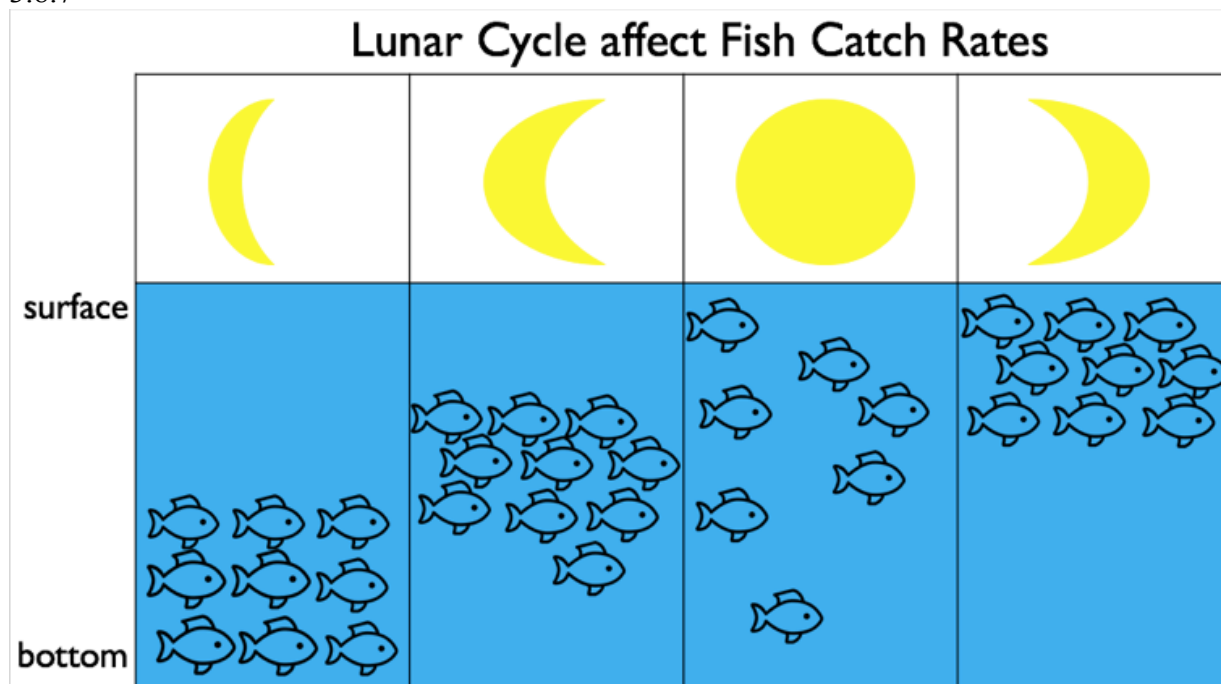
内容点四：两边的古老建筑正在维护，中间的教堂没有改变







### 3.8.7



核心内容点：

- 内容点一：新月 new moon 的时候，鱼群在水底
- 内容点二：first quarter moon 的时候，鱼群在中间
- 内容点三：满月 full moon 的时候，鱼群很分散
- 内容点四：last quarter moon 的时候，鱼群在表面

### 3.8.8

Annual Income of Bachelor degrees holders in different fields			
	1980	1990	2000
Business	91,000	97,000	105,000
Education	78,000	85,000	98,000
Language and Literature	64,000	71,000	80,000

核心内容点：

- 内容点一：横向比较：三个年份 1980 1990 2000
- 内容点二：纵向比较：商科、教育、语音文学
- 内容点三：随意挑选其中两组数字即可





3.8.9



核心内容点：如何挑选合适的人工树（圣诞树）

内容点一：30 inches 宽，4-6 feet 高

内容点二：55 inches 宽，6-7.5 feet 高

内容点三：72 inches 宽，7.5-9 feet 高

内容点四：9.5-12 feet 高







### 3. FIB

#### 1. Impact and management of purple loosestrife

The invasion of non-indigenous plants is considered a primary threat to integrity and function of ecosystems. However, there is little quantitative or **experimental** evidence for ecosystem impacts of invasive species. Justifications for control are often based on potential, but not presently realized, recognized or quantified, negative impacts. Should lack of scientific certainty about impacts of non-indigenous species result in postponing measures to prevent degradation? Recently, management of purple loosestrife (*Lythrum salicaria*), has been criticized for lack of evidence demonstrating negative impacts of *L. salicaria*, and management using biocontrol for lack of evidence documenting the failure of conventional control methods. Although little quantitative evidence on negative impacts on native wetland biota and wetland function was available at the onset of the control program in 1985, recent work has demonstrated that the invasion of purple loosestrife into North American freshwater wetlands alters **decomposition** rates and nutrient cycling, leads to reductions in wetland plant diversity, reduces pollination and seed output of the native *Lythrum alatum*, and reduces habitat suitability for specialized wetland bird species such as black terns, least bitterns, pied-billed grebes, and marsh wrens. Conventional methods (physical, mechanical or chemical), have continuously failed to curb the spread of purple loosestrife or to provide satisfactory control. Although a number of generalist insect and bird species utilize purple loosestrife, wetland habitat specialists are excluded by **encroachment** of *L. salicaria*. We conclude that negative ecosystem impacts of purple loosestrife in North America justify control of the species and that detrimental effects of purple loosestrife on wetland systems and biota and the potential benefits of control outweigh potential risks associated with the introduction of biocontrol agents. Long-term experiments and monitoring programs that are in place will evaluate the impact of these insects on purple loosestrife, on wetland plant succession and other wetland biota.

#### 2. Space work for an astronaut

The space work for an astronaut can be inside or outside, inside they can monitor machines and the work is **carried** out alongside the craft. They also need to make sure the Space **Travel**. **Outside** the craft, they can see how the seeds react in the space. Some seeds company send seeds to them to **investigate** how seeds change their biological character. When outside the craft, they can set up experiments or clean **up** the space rubbish.

#### 3. 罗马角斗场

The Romans glorified the **bravery** shown in the arena, but trivialized the events and degraded the participants. Mosaic pictures of executions and combats, **graphically** violent to our eyes, were displayed in the public rooms and even dining rooms in the homes of wealthy Romans. How can the viewer today possibly understand such images? Until fairly recently, modern authors writing about the arena minimized its significance and represented the





institutionalized violence as a sideline to Roman history. The **tendency** was also to view the events through our own eyes and to see them as pitiful or horrifying, although to most Romans empathy with victims of the arena was inconceivable. In the past few decades, however, scholars have started to analyze the complex motivations for deadly public entertainments and for contradictory views of gladiators as despised, yet beloved hero-slaves.

#### 4. 科学家的工作

scientists make observations, have assumptions and do **experiment**. After these have been done, he got his **results**. Then there are a lot of data from scientists. The scientists around the world have a **picture** of world.

#### 5. A Dog

A DOG may be man's best friend. But man is not always a dog's. Over the centuries **selective** breeding has pulled at the canine body shape to produce what is often a grotesque distortion of the underlying wolf. Indeed, some of these distortions are, when found in people, regarded as **pathologies**. Dog breeding does, though, offer a chance to those who would like to understand how body shape is controlled. The **ancestry** of pedigree poodles is well recorded, their generation time is short and their litter size reasonably large, so there is plenty of material to work with. Moreover, breeds are, by definition, inbred, and this simplifies genetic analysis. Those such as Elaine Ostrander, of America's National Human Genome Research Institute, who wish to identify the genetic basis of the features of particular pedigrees thus have an ideal **experimental** animal.

#### 6. The contemporary ministerial staffing system

The contemporary ministerial staffing system is large, active and partisan - far larger and further evolved than any Westminster equivalent. Ministers' demands for help to cope with the pressures of an increasingly competitive and professionalised political environment have been key drivers of the staffing system's development. But there has not been commensurate growth in **arrangements** to support and control it. The **operating** framework for ministerial staff is **fragmented** and ad hoc.

#### 7.

Alaska's Aleutian Islands have long been accustomed to shipwrecks. They have been part of local consciousness since a Japanese whaling **ship** ran aground near the western end of the 1,100-mile (1,800-km) volcanic **archipelago** in 1780, inadvertently naming what is now Rat Island when the ship's infestation **scurried** ashore and made itself at home. Since then, there have been at least 190 shipwrecks in the islands.

#### 8.

No one in Parliament would know better than Peter Garrett what largesse copyright can confer so it may seem right that he should announce a royalty for artists, amounting to 5 per cent of all sales after the original one, which can go on giving to their families for as much as 150 years. But that ignores the truth that copyright law is a scandal, recently **exacerbated** by





the Free Trade Agreement with the US which required extension of copyright to 70 years after death. Is it scandalous that really valuable copyrights end up in the ownership of corporations (although Agatha Christie's no-doubt worthy great-grandchildren are still **reaping** the benefits of West End success for her who dunnits and members of the Garrick Club enjoy the continuing fruits of A.A. Milne's Christopher Robin books)? No. The **scandal** is that being peasants politicians have attempted to appear cultured by creating private assets which depend on an act of Parliament for their existence and by giving away much more in value than any public benefit could **justify**. In doing so they have betrayed our trust.

9.

An eccentric mix of English, German and French has entered Japanese usage with grand abandon. A "kariya" woman is a career woman, and a "manshon" is an apartment. This increasing use of katakana, or unique Japanese versions of Western words, and the younger generation's more casual use of the Japanese language have prompted Prime Minister Junichiro Koizumi to worry that these new words may not be understood by a wider audience. **As a result**, a government panel is proposing to publish a manual on how to speak proper Japanese. Foreign words became katakana Japanese **because** no existing Japanese words could quite capture a specific meaning or feeling. When the word "cool" traveled east, all of its English connotations did not make the journey. A kuru person in Japan is someone who is calm and never gets upset. **On the other hand**, someone who is kakkoii is hip, or in translation, "cool." **Similarly**, a hotto person is one who is easily excitable, perhaps passionate, but not necessarily a popular person or personality of the moment.

10.

Complementary therapies - such as those **practised** by naturopaths, chiropractors and acupuncturists - have become increasingly popular in Australia over the last few **decades**. Interest initially coincided with **enthusiasm** for alternative lifestyles, while immigration and increased contact and trade with China have also had an **influence**. The status of complementary therapies is being re-visited in a number of areas: legal regulation; the stances of doctors' associations; their inclusion in medical education; and scientific research into their **efficacy**.

11.

In 2001 he received the SIUC Outstanding Scholar Award. In 2003 he received the Carski Award for Distinguished Undergraduate Teaching from the American Society for Microbiology. Mike's research is **focused** on bacteria that inhabit extreme environments, and for the past 12 years he has studied the microbiology of permanently ice-covered lakes in the McMurdo Dry Valleys, Antarctica. In addition to his research papers, he has edited a major treatise on phototrophic bacteria and served for over a decade as chief editor of the **journal** Archives of Microbiology. He currently serves on the editorial board of **Environmental** Microbiology. Mike's





nonscientific **interests** include forestry, reading, and caring for his dogs and horses. He lives **beside** a peaceful and quiet lake with his wife, Nancy, five shelter dogs (Gaino, Snuffy, Pepto, Peanut, and Merry), and four horses (Springer, Feivel, Gwen, and Festus).

12.

It originally referred to the production of goods to meet customer **demand** exactly, in time, quality and quantity, **whether** the 'customer' is the final purchaser of the product or another process **further** along the production line.





## 4. SST

### 13. The Rules of Language 语言的规则

- ✓ The rules of language are reflected by convention, because the ways people express themselves are influenced by convention.
- ✓ Language is not translatable because the meaning in different language is not exactly the same.
- ✓ Experts should document different language due to human heritage

### 14. People forget taking cards after withdrawing money 取钱忘记拿卡

- ✓ People forget to take their cards after taking the money from the ATM.
- ✓ Occasionally people often get the money and walk away. This is the common reason, because they are focusing on the money.
- ✓ In UK it becomes less common, because people have to take their cards before getting the money.
- ✓ Card was sensitive for the bank account.
- ✓ Some people forget to take their money, but this phenomenon is less common.

### 15. Fossil fuels 化石燃料.....的三个原因

- ✓ First reason: Accessible fossil fuels have caused some financial results
- ✓ Second reason: (待补充)
- ✓ Third reason: Global fossil fuels are running off, shortage of supply





## 5. WRITE FROM DICTATION

1. A very basic feature of computing is counting and calculating.
2. Academic problems cause a rise in employment.
3. An aerial photograph was promptly registered for (federal / feral) evaluations.
4. Behind the **garage**, there is a flat car drawn by **mules**.
5. Below the heating controls in the middle is a small round plastic button.
6. Celebrated theory is still a subject of controversy.
7. Celebrity is still the great source of controversy.
8. Consumer confidence has a direct impact on sales
9. Daily practice can build confidence and improve skills
10. Economic problems cause a rise in unemployment.
11. Evaluation form will be reviewed by university personnel
12. Freshwater creatures didn't appear in the paintings until the modern period.
13. Government reforms have been proposed at all levels.
14. Human being compete with other things for resources and space.
15. Listening is the key skill to succeed to this course.
16. Many birds migrated to the warmer areas for winter.
17. Many toxins originate from plants or animals
18. Medical researchers have focused on the different treatments and diseases.
19. No more than four people are allowed in the lab to XXX .
20. Overcrowding and poor sanitation affected the lives of the majority of the population.
21. Packaging is very important to attract intentioned buyers.
22. Participants are initially selected from a range of foundation subjects.
23. Peer pressure has a great effect on young people
24. Scientific beneficiary to space exploration is frequently questioned.
25. Statistic results should be described in different ways depending on circumstances.
26. Submitting your group assignment must be issued punctually by one of your group members.
27. Synopsis contains the most important information.
28. Textile manufacturer plays a large role in improving economies
29. That brief outline takes us to the beginning of the 20th century.
30. The aerial photographs were promptly registered for evaluations.
31. The campus tour will help you to get familiar with the teaching facilities.
32. The earth's atmosphere (is mostly composed of) nitrogen and oxygen.
33. The excursion for children is very much open to debate.
34. the key difference between courses is the kind of assessment
35. The photograph **registration** are for evaluation
36. The qualification will be assessed by using a conference criterion to approach.
37. The whole point of the project was to look at the norm not the exception.
38. These have also been found to contribute to the death of many marine animals.
39. They are both grown up in the rural area and dislike the urban life.
40. This class will look at the structure of the essay
41. Those students seeking/apply for formal extension should talk to their faculties for more information.
42. Travelling by boat on the river is not possible in winter
43. When bad drove out good, the local workers were more difficult than their competitors







- 44. While concealing ideas is desirable basic underlying issues must first be addressed.
- 45. While reconciliation is important/ desirable, the basic underlying issues must be addressed.

暂不完整，待补充：

- 46. Early streams of economic in Roman Republic will be examined.
- 47. If you seek for further extension, contact your faculty for more information. ( 后半句确定 )
- 48. The meeting has some struggle overlaps. ( 不确定 )
- 49. The theme of the issue was the estimation of .. problem
- 50. xx xx in place as well as scientific papers.
- 51. xxxxx detail based underline issue must be addressed first.....
- 52. You are training to be a special journalist. ( 应该是 trained ，待确定 )

